

DONLIN GOLD PROJECT PRELIMINARY FEIS

EPA Hot Topics Meeting

September 6, 2017

1:00 pm to 4:00 pm ADT / 2:00 pm to 5:00 pm PDT

Anchorage – EPA Raven Conference Room 569 / Seattle - ??

Conference Line: **Ex. 6** Code: **Ex. 6**

AGENDA

- **Introductions** (5 minutes)
- **Safe Drinking Water Act** (30 minutes)
Minimize and mitigate unavoidable impacts to groundwater, USDW, and ecological/human health
 - Donlin Camp (AK2271983)
 - Village of Crooked Creek (10-miles downriver)
 - Protect USDW from Mine Site impacts during construction, operations, closure
 - ADEC WQS for groundwater
 - Upgrade monitoring well network to allow adequate data for assessment of mine impacts during operations/closure
- **Clean Water Act** (30 minutes)
Minimize and mitigate unavoidable impacts to surface water quality and quantity, and ecological/human health
 - Open Pit Mine Dewatering – consideration of additional design features
 - Evaluate off-site sources of surface water for mine facilities – the Kuskokwim River
 - Spill Response Planning – mercury, cyanide, tailings
 - Material Sources = geochemical characterization – sampling/modelling (PAG/NAG - ARD/ML)
- **Clean Air Act** (30 minutes)
Minimize and mitigate unavoidable impacts to air quality and ecological/human health
 - Air emissions modelling
 - Fugitive Dust: mercury, arsenic, antimony
 - Fugitive Dust Control Plan (Mine Site) – sampling and testing
 - Material Sources - geochemical characterization – sampling/modelling (Fugitive Dust)
- **National Environmental Policy Act** (30 minutes)
Public disclosure and support federal decisions affecting the environment and ecological/human health
 - Focused Risk Assessment/Human Health Risk Assessment
 - Ecological Risk Assessment – evaluate other sources, pathways, endpoint for exposure to COPC
 - Financial Assurance – Premature Mine Closure Scenario
 - Permafrost
 - Protect mine and facility infrastructure – TSF and WRF, Mine access road, pipeline
 - Quantify the volume (tons) of permafrost thaw/melt at Mine Site, Transportation Corridor (construction, operations, closure) and Pipeline (construction)
 - Quantify indirect wetlands impacts from permafrost thaw/melt
 - Quantify GHG emissions (CO₂-e tpy) from permafrost thaw/melt
 - Non-Invasive Species Management Plan – Pipeline ROW

TENTATIVE ATTENDEES

U.S. Army Corps of Engineers Alaska District	Donlin Gold, LLC	U.S. Environmental Protection Agency Region 10	
		Seattle	Anchorage
Richard Darden, Project Manager Timothy Kennedy, Deputy Project Manager	Dan Graham, Project Manager Gene Weglinski, Sr. Permitting Coordinator	David Allnutt, Office Director Environmental Review & Assessment Jill Nogi, Manager Michael Szerlog, Manager Lon Kissinger, Human Health Lee Thomas, Hydrogeologist	Tami Fordham, Deputy Director Alaska Operations Office Mark Jen, Project Manager Matthew LaCroix, Wetlands
AECOM			
Bill Craig, Project Manager			